

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**RECEIVED  
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JAN 22 2004

OFFICIAL

Applicant(s): Nir N. Shavit et al.

Title: MAINTAINING A DOUBLE-ENDED QUEUE IN A CONTINUOUS  
ARRAY WITH CONCURRENT NON-BLOCKING INSERT AND  
REMOVE OPERATIONS USING A DOUBLE COMPARE-AND-SWAP  
PRIMITIVE

Application No.: 09/547,288

Filed: April 11, 2000

Examiner: Aimee J. Li

Group Art Unit: 2183

Atty. Docket No.: 004-4663

Confirmation No.: 4871

January 22, 2004

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**RESPONSE AFTER FINAL OFFICE ACTION**

This paper is responsive to the Final Office Action dated October 21, 2003, having a shortened statutory period for response set to expire January 21, 2004. In light of the Amendments and/or Remarks herein, further examination is requested. Please amend the above-identified application as follows:

**Amendments** to the claims begin on page 2 of this paper.

**Remarks/Arguments** begin on page 13 of this paper.